# Harrison Co. ATC Serves 74 Students During Summer Career Camp

**"The value of this camp is the extraordinary opportunity to demonstrate the quality of instruction to our future students and their parents. It serves an important role in building a long term relationship with the entire community.**

**We are excited that 74 middle school campers responded to our promotional activities for this year's camp and that they now have a new awareness of career opportunities for themselves that they had not recognized prior to this camp.**

**It's rewarding to me personally to see the 'fire in the belly motivation' that the middle school students bring to our school. And, even more remarkable is how well all students behave while enrolled in the camp.**

**Every student is building a relationship with each teacher during this camp. If we could find a way to utilize the operational concepts that we employ during our "Exploring Technology Summer Camp" to our full-time career and technical education programs, we would *never* have enrollment problems."**

**John Hodge, Principal**
**Harrison Co. ATC**

**Harrison Co. ATC Principal John Hodge has always believed in the value of holding a summer career camp. Why? To him, it provides an opportunity for his faculty and staff to promote career and technical education programs and activities to prospective students in a positive manner. He has even marketed the program as "*Exploring Technology Summer Camp." It has worked.***

**This year, Harrison Co. ATC faculty and staff hosted 74 students entering 6th through 9th grades. During camp, they became engaged in hands-on activities while learning about skills training and careers. In each program area, students were provided with an opportunity to make a special project and take it home as a reminder of what they learned at camp. It too, has worked because kids love "making projects and taking them home."**

**Harrison Co. ATC is one of nine in the KY Tech school system to hold a summer career camp. All camps are funded *with money provided by the federal government through the America's Career Resource Network (ACRN) and Carl D. Perkins Non-Traditional funds.***

**"The whole purpose of this endeavor is to give these young people a glimpse into career programs and occupations that may interest them in the future," says Karla Tipton, administrator for the state's ACRN funds. "The money we provide for the career camps is an effort to lead students down a path from high school to college and/or work. This year, we also wanted to cover gender equity issues and introduce students to the concept of non-traditional careers. We feel as though our efforts have been successful at this school since students have already requested to be enrolled in the programs offered. And, we believe this will continue to be successful at our other area technology centers."**

**"We appreciate the efforts of Karla Tipton in helping us to fund and deliver this career camp opportunity for students. We also believe the funding for this program will pay many dividends for the future of our school and community," says Hodge. "And, we were pleased that our OCTE Deputy Executive Director Mike Kindred was able to make time to visit our school to observe teachers working with students on their camp activities. The whole experience has been tremendously positive."**

## Carpentry

**Instructor: Gary Lail; Helper: Teryl Tribble**
**Activity: Building and painting a Whirligig**

**(l to r): Mia Lail and Kaitlyn Swinford**

**"I like using tools because it's a representation of what girls can do – not just boys," says Kaitlyn. "And, my Whirligig is going to be a present for my mom and dad. It's their anniversary today."**

**Photo above: Showing off "Whirligigs."**

**Photo at right: Harrison Co. ATC Carpentry Instructor Gary Lail (center) gives this group of students instruction on how to put the eyes on their Whirligig as OCTE Deputy Exec. Dir. Mike Kindred (2nd from right) watches.**

**"This group of kids was great and I think many of them will come back to our school in a few years," says Lail. "They seemed to really enjoy the projects and working with the staff. I also believe that some of them will enter into a non-traditional career track because of the interest they displayed during camp."**

Photo at right (l to r): Ethan Stahl watches and listens as Kelly Bloomfield receives instruction from Teryl Tribble.

Photo below: Kelly is getting instruction on how to put the wings on her Whirligig.

"I liked sanding and painting the Whirligig," says Kelly.

"I think these teachers have been really good because they show us what we need to do and demonstrate how to use the tools," says Ethan.



Teryl Tribble, a woman who has spent a lot of time in the construction industry and who also serves as a substitute teacher for Mr. Lail, was on hand to help during the camp.

"When I was in high school, another girl and I were the first to go through vocational agriculture. When I heard about this camp, I wanted to help because I hope these kids see all kinds of opportunities in the career areas offered in this school," says Tribble. "I think this camp provides educational worth without them realizing they are learning something valuable. By taking part in this camp, they get an insight as to what people can do with their hands and minds as well."

**Photos: OCTE Deputy Executive Director Mike Kindred felt like he was back in the classroom as he helped Jared Cummins with his Whirligig. At right Kindred holds the Whirligig as Jared tried to attach a wing. Below, Kindred and Cummins test how well the wings were attached as they hold the Whirligig in front of a fan to see how fast the wings spin.**

**"It has been a real treat for me to visit this career camp because of the well designed activities the teachers have put together to capture the interest of these students," says Kindred. "I have also enjoyed helping some of the students with their projects and can see first-hand, the significance of what we are doing in these camps to create an environment of goodwill in the community. It's a great recruiting tool. Students are learning about careers, developing relationships with teachers in each of the program areas and they are having a blast -- all while engaged in positive hands-on activities."**

## Electrical Technology

**Instructor: Edwin D. Taylor, Bluegrass Community and Technical College**
**Associate Professor and Program Coordinator - Heating, Ventilation and Air Conditioning**

**Activities: Wire a switch, light and receptacle**
**LED (light emitting diode) light chaser**
**Making an extension cord**

**"The value of this camp is that it shows kids what is available. They get exposed to a little of everything and they are overwhelmed with all that is available," says Mr. Ed Taylor, Bluegrass Community and Technical College associate professor and program coordinator of heating, ventilation and air conditioning. "Young ladies get exposed to careers that are non-traditional and this allows them to experience something they might not have had an opportunity to do prior to enrolling in this camp. This is my third year teaching at this camp. I get to meet young people and see what we need in this building by serving as an instructor. This is helpful to me because I am a member of the Harrison Co. Board of Education."**


**Photo at left: Travis Fugate tells Mike Kindred that he has "enjoyed working with wires and electricity."**

**Above Photo: Mr. Taylor is shown with the electrical technology winning campers of the week including Kalynn Nelson, Ethea Herrington and Jonathan "Buzz" Webb.**

**Photo at left: Kindred helps student understand how to wire a circuit. Front left to right – Abby Fraley (pink), Linda Goforth, Hailey Jones and top right is Student Helper Niki Bruner, a Harrison Co. High School junior.**

**"This field can also be for women," says Fraley.**

**"I've enjoyed this class because I learned something new and that there are all kinds of jobs in electricity," says Goforth.**

**"My favorite class at this camp was information technology because we got to make T-shirts says," Jones. "And, we had a fast internet connection."**

**"Working at this camp has been fun. The kids are great fun to be around and they pick up fast," says Bruner. "They are actually trying to learn and they have been eager to learn. When kids do something with their hands, they catch on better."**

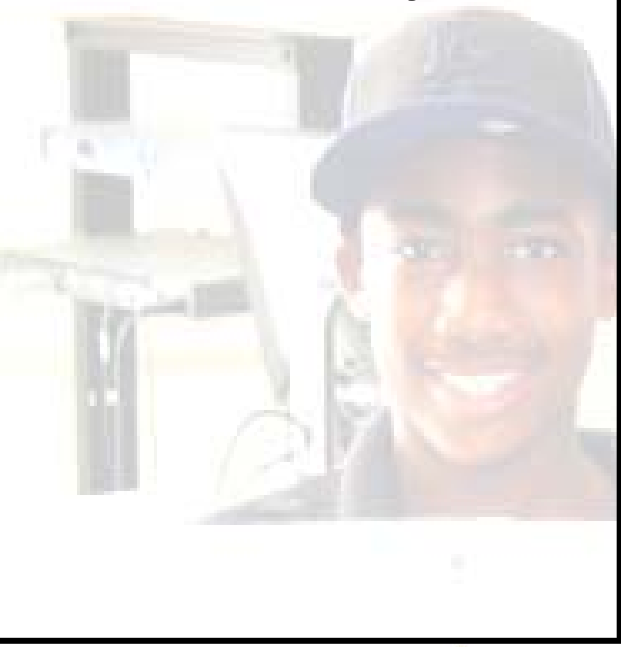
**Photo at right: Harrison Co. HS 9th grade student Kyle Migneaulth provides a hands-on demonstration of making an extension cord to Mike Kindred while he describes each step.**

**Information Technology**
**Instructor: Judy Burns**
**Activities: Designing a CD Cover**
**Downloading image and making a T-shirt**
**Making Co-axel cable**

**Information Technology Instructor Judy Burns poses with 7th grader Rokeith White.**

**"Mrs. Burns is a really nice teacher and I have learned a lot during this camp," says Rokeith. "This has been my favorite class because I'm in the music business and I finally got to design my own shirt and CD label. When I get to high school, I'm going to take this class because it's something that I like to do."**

**Information Technology**
**Instructor: Judy Burns**



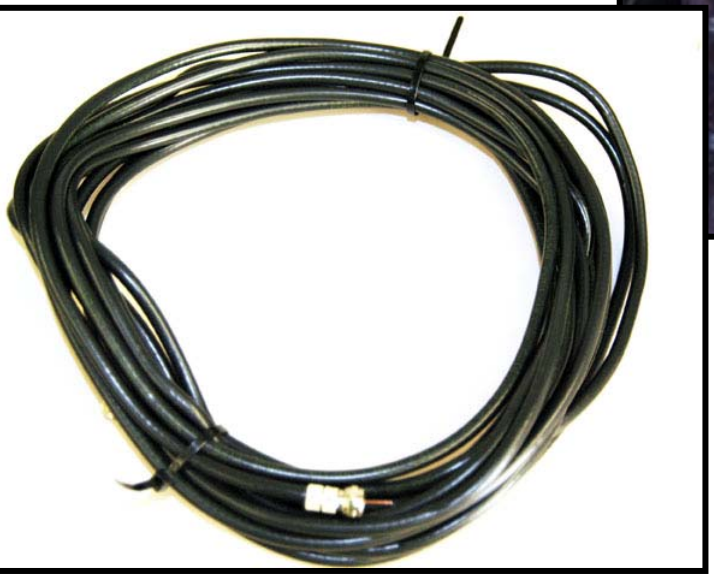


**Photo above: Burns provides instruction to Rokeith on how to use the internet to look for a design.**

**Photo at left: a finished co-axel cable created by one of the students during class.**

**Machine Tool Technology**

**Instructor: Hoyt Burns**

**Activities: Learn how to use Master Cam Program to design something for an aluminum plate. Use CNC Mill to transfer design to plate.**

**"This camp gives these kids an opportunity to learn about the classes before they take one and I've enjoyed helping the kids learn stuff they didn't know. I think a lot of kids will take some of these classes because of being here."**

**Machine Tool Technology**
**Student Helper Emily Herron**

**"The camp exposes middle school kids to something new – it's almost magical to each of them. Each year, this camp opens up more eyes to the machine tool technology program – especially for non-traditional students," says Machine Tool Technology Instructor Hoyt Burns. "The hands-on experience in my classroom provides an insight of what they can expect in high school and at the same time, it broadens their choices in determining a career path."**

## Machine Tool Technology
## Instructor: Hoyt Burns

**Photo at right: Instructor Hoyt Burns explains how to use the Master Cam as Sarah Nichols and Mike Kindred watch.**

**When asked to describe the process of creating a design to the final product, Sarah Nichols had this to say.**

**"First, we had to draw out a design on the computer using the Master Cam. Then, we transferred it to a language that the machine understands. Then, we had to load the design on a flash drive and take it to the CNC machine. This machine will take the information we give it and transfer it to the 2" x 4" aluminum plate"**

**Photo at right: Instructor Hoyt Burns presented the machine tool technology camp winners with a screw-driver set. Student helper (2nd from left is Emily Herron). Winners from left to right are: Michayla Lustenberg, Elijah Reffett and Sydney Moore.**

## Water Quality
## Freshwater Stream Sampling and Monitoring Teamwork
## Instructor Mark Sims

**Academic Enrichment Instructor Mark Sims (center) shows David Roberts a “mussel” that was caught in the river as Student Helper Samantha Malone watches.**

**Each year, Sims provides students with an opportunity to trap a diverse mixture of macroinvertebrates in the Licking River. In addition to gathering a variety of species, students also collect water samples to help them determine the water conditions of the river. Students not only love this activity, but they also love getting wet in the river.**

**Photo at left: Collecting Samples. (Far l to r): Daniel White and David Roberts are turning over the rocks in the river to disturb and find specimens that they can study. Becky Bloomfield is holding the net to catch any "creature" that might be trying to get away.**
**Below (l to r): Daniel, David, Becky and Landon Palmer look to see what the net caught.**

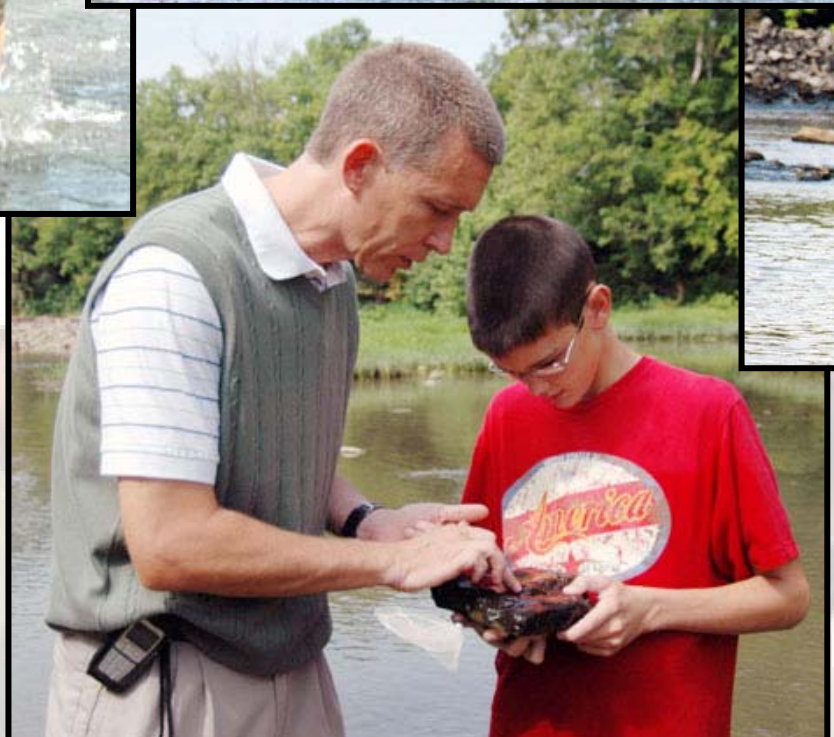
**"We get to learn how bugs help the water," says Becky. "If there aren't a lot of them, then the river isn't doing well."**

**"This has been fun because we are learning new things about what is in the water," says Daniel.**

**"You learn a lot about the environment and you have fun doing it at this camp," says David.**

**"Here we can do stuff we want to do," says Landon. "And, it's stuff you can't do at home like learning about what's in the environment and welding."**

Part of the expedition includes an exploration walk up the Licking River. Instructor Mark Sims believes it is important for young people to become socially responsible in learning about environmental issues and his love for the outdoors has been the guiding force in developing the water quality session for summer camp. And, students can't wait to get in this class.



"I was in the Environmental Club and Mr. Sims asked me to help out with this camp. I'm glad I did. Working with kids has given me a renewed sense of respect for everything teachers do."

Samantha Malone
Student Helper

**Welding**
**Instructor: Joe Pawley**
**Activity: Copper Flower**

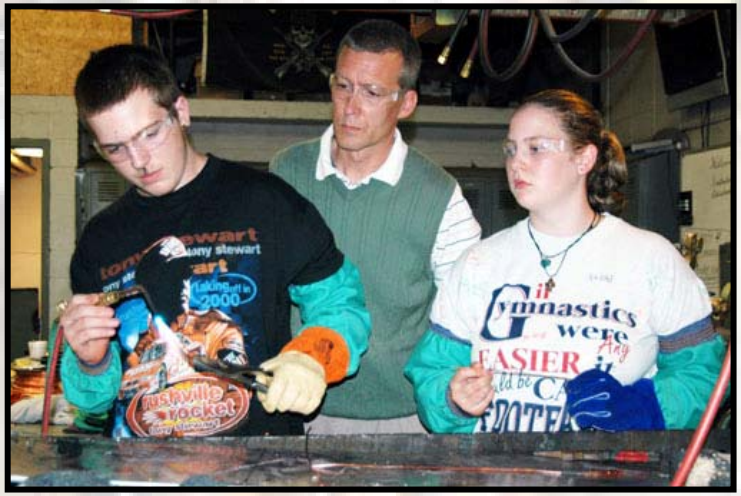


**Photo at left: James Brandenburg and Cathy Short begin welding part of the copper flower as OCTE Deputy Executive Director Mike Kindred watches their progress.**

**"I get to weld and it's pretty darn fun," says James. "I'm glad I came and I intend to take this class when I get in high school."**

**"The whole camp is pretty cool," says Cathy.**

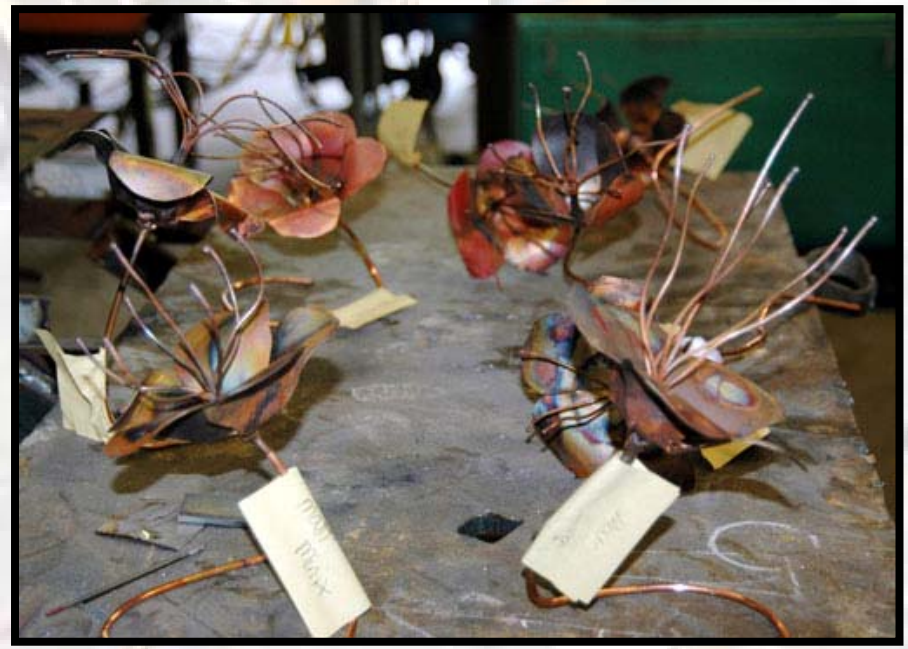


**Photo at left:**
**A display of completed "Copper Flowers."**

**Photo at left: Welding Instructor Joe Pawley helps a student with his copper flower.**

**"This career camp gives students something worthwhile to do. I wanted welding to be fun, creative and challenging. The students have enjoyed making their copper flowers," says Welding Instructor Joe Pawley. "This summer career camp has exposed students to the different technologies they can learn in various career clusters."**

**Photo at right: Student Helper Sarah Wagoner, a Maysville CTC pre-engineering student helps one of the campers learn how to weld a bead.**

**"Mr. Pawley is awesome and hilarious – but, at the same time, he is strict and very safety conscious. I'm glad that I got the opportunity to be part of this camp because it shows students that this career can also be for females," says Sarah. "I've learned that you have to have patience when working with kids and getting them to try something."**